

NORTH CAROLINA ROUTE 1417 BRIDGE

HAER NO.NC-39

(Bridge No.75)

North Carolina Route 1417 spanning Dan River

Stokes County

North Carolina

HAER

NC,

85-DANB.V.

1-

PHOTOGRAPHS

WRITTEN HISTORICAL AND DESCRIPTIVE DATA

HISTORIC AMERICAN ENGINEERING RECORD

NATIOANL PARK SERVICE

Department of the Interior

Southeast Region

Atlanta,Georgia 30303

HAER
NC,
85- DANBY
1-

HISTORIC AMERICAN ENGINEERING RECORD

North Carolina Route 1417 Bridge
(Bridge No. 75)

HAER No. NC-39

Location: On North Carolina Route 1417, spanning Dan River
Stokes County, North Carolina

Date of Construction: 1915

Builder/Designer: Virginia Bridge and Iron Company of Roanoke, Virginia

Present Owner: North Carolina Department of Transportation
Raleigh, North Carolina

Present Use: Vehicular bridge

Significance: This Pratt Pony truss bridge spans a narrow gorge of the Dan River. Its builder, the Virginia Bridge and Iron Company, combined the following details into its bridges: threaded pins, laced vertical member details, tear-shaped eyes of the counters, main-ties, and bottom chords. The bridge is 70 feet long and is divided into four panels. Its distinguishing feature is its unique substructure of round steel columns joined by steel plates. They form a protective response to the flood waters that a bridge would have to resist in a narrow crossing.

Project Information: This documentation was undertaken in 1983 in accordance with the Memorandum of Agreement with the North Carolina Department of Transportation as a mitigative measure prior to demolition.

Inventoried by: George Fore
Division of Archives and History
North Carolina Department of Cultural Resources
1979

Edited by: Paul Hawke, Historian
Southeast Region
National Park Service
Atlanta, Georgia 30303

Retyped, Edited and Transmitted by: Jean P. Yearby, HAER, 1987